

1 1. (Currently Amended) A method for visualizing dynamic documents in a graphical  
2 user interface, comprising ~~the steps of~~:

3 generating a summary view of at least one dynamic document including data  
4 from an ongoing process and containing instances of search terms,  
5 using a condensed abstract representation of a search term density  
6 distribution;

7 updating said summary view to reflect changes in said dynamic document; and  
8 triggering an enhancement of said summary view by cursor brushing.

1 2. (Currently Amended) The method of claim 1 further comprising ~~the further step of~~  
2 navigating to at least one segment of said dynamic document by selecting a  
3 corresponding portion of said summary view.

1 3. (Currently Amended) The method of claim 1 further comprising ~~the further step of~~  
2 computing a statistical summary of contents of a selected document portion.

1 4. (Currently Amended) The method of claim 1 further comprising ~~the further step of~~  
2 identifying ~~said~~ relevant dynamic documents with at least one search engine.

1 5. (Currently Amended) The method of claim 1 further comprising ~~the further step of~~  
2 aggregating information to enable a more condensed abstract representation of said  
3 dynamic document.

- 1        6. (Currently Amended) The method of claim 1 wherein said updating ~~step~~ is,  
2        performed periodically.
- 1        7. (Currently Amended) The method of claim 1 wherein said updating ~~step~~ is  
2        performed continuously.
- 1        8. (Original) A system for visualizing dynamic documents in a graphical user  
2        interface comprising:  
3                a summary view of at least one dynamic document including data from an  
4                ongoing process and containing instances of search terms, using a  
5                condensed abstract representation to depict a search term density  
6                distribution;  
7                an updating mechanism to reflect changes in said dynamic document in said  
8                summary view; and  
9                an enhancement of said summary view triggered by cursor brushing.
- 1        9. (Original) The system of claim 8 wherein at least one segment of said document is  
2        navigated to by selection of a corresponding portion of said summary view.
- 1        10. (Currently Amended) The system of claim 8 wherein said dynamic document  
2        comprises at least one of: a text file, an image file, ~~a web page~~, an audio file, a video  
3        file, streaming data.

- 1 11. (Original) The system of claim 8 wherein said dynamic document includes  
2 medical data.
- 1 12. (Original) The system of claim 8 wherein said dynamic document includes images  
2 from a number of cameras.
- 1 13. (Original) The system of claim 8 wherein said dynamic document includes data  
2 from a security system.
- 1 14. (Original) The system of claim 8 wherein said dynamic document includes data  
2 describing the behavior of a number of computer users.
- 1 15. (Original) The system of claim 8 wherein said dynamic document includes stock  
2 market data.
- 1 16. (Original) The system of claim 8 wherein said dynamic document includes chat  
2 room data.
- 1 17. (Original) The system of claim 8 wherein said search terms include user-specified  
2 events defined by significant changes in said data from said ongoing process.

1 18. (Original) The system of claim 8 wherein said summary view includes a number  
2 of distinct regions, each region having a different resolution scale, enabling  
3 information to be depicted at different levels of detail.

1 19. (Original) The system of claim 18 wherein said resolution scale is a time scale.

1 20. (Original) The system of claim 8 wherein said abstract representation is nonlinear.

1 21. (Original) The system of claim 8 wherein said summary view depicts more recent  
2 events with higher resolution than less recent events.

1 22. (Original) A system for visualizing and navigating dynamic documents in a  
2 graphical user interface comprising:

3 means for generating a summary view of at least one dynamic document  
4 including data from an ongoing process and containing instances of  
5 search terms, said summary view depicting a search term density  
6 distribution in a condensed abstract representation;

7 means for updating said summary view to reflect changes in said dynamic  
8 document; and

9 means for triggering an enhancement of said summary view by cursor  
10 brushing.

1       23. (Original) A computer program product comprising a machine-readable medium  
2       having computer-executable program instructions thereon including:

3             a first code means for generating a summary view of at least one dynamic  
4             document including data from an ongoing process and containing  
5             instances of search terms, said summary view depicting a search term  
6             density distribution in a condensed abstract representation;

7             a second code means for updating said summary view to reflect changes in said  
8             dynamic document; and

9             a third code means for triggering an enhancement of said summary view by  
              cursor brushing.